EFFECTIVE PARTNERING: A REPORT TO CONGRESS ON FEDERAL TECHNOLOGY PARTNERSHIPS

TABLE OF CONTENTS

Foreword5
CHAPTER 1: EXECUTIVE SUMMARY
U.S. Technology Policy After World War II7
Impact of Foreign Competition8
Changing Environment for Defense R&D8
Rise of Local and State Partnership Programs9
Rise of Federal Partnership Programs9
Findings
Recommendations14
Chapter 2: Federal Technology Policy, 1950–1980
Dual Thrusts: Basic Research and Mission R&D17
Commercial Impacts from Basic Research, Mission Research,
and Procurements18
The Rise of Global Competition and Its Implications for
Federal Technology Policy20
CHAPTER 3: TECHNOLOGY PARTNERSHIPS AND THE EMERGENCE OF A NEW PARADIGM FOR ECONOMIC GROWTH AND COMPETITION, 1980–1995
The Role of States and Private Sector Groups23
Federal Technology Legislation: Leveraging Mission R&D25
Federal Technology Legislation: Direct Competitiveness
Programs30
Federal Technology Legislation: Dual-Use Partnerships for
Defense
The New Paradigm for Improved U.S. Competitiveness33
Chapter 4: Findings
Partnership Programs and U.S. Competitiveness37
Partnerships and Government Mission R&D39
Support for Federal Programs40
Partnership Programs, Public Policy, and the Business
Climate for Innovation45
Measuring Success47
A New Paradigm56
CHAPTER 5: RECOMMENDATIONS
Make Partnership Opportunities More Accessible and Easier
to Identify65

OFFICE OF TECHNOLOGY POLICY

Be a Better Partner: Improve Speed, Flexibility, and	
Predictability	69
Help Small Businesses Secure Necessary Business and	
Financial Advice from State Programs and Private	
Sector Sources	73
Further Increase the Private Sector Role in Project	
Definition and Selection	73
Shift to Commercial Financial Management Practices	74
Continue Developing an Integrated System of Measuring	
Program Results	76